

PACKAGED ROOF TOP UNIT SCHEDULE

UNIT #	MFR	MODEL	FAN SECTION (SUPPLY FAN / RETURN/EXHAUST FAN)						HEATING COIL SECTION						COOLING COIL SECTION						FILTER SECTION		UNIT WEIGHT (LBS)	MINIMUM OUTSIDE AIR (CFM)	MIN. STAGES UNLOADED	ELECTRIC				NOTES			
			CFM	EXTERNAL SP (IN. WG)	BHP	FAN SIZE (INCHES) /TYPE	RPM	ELECTRICAL			EAT F	LAT F	EWT F	LWT F	WPD FT WG	GPM	MBH	ENT AIR (DEG F)	LEAV AIR (DEG F)	SENSIBLE MBH	TOTAL MBH	FACE AREA (SQ FT)				ROWS	MIN FACE AREA (SQ. FT.)	EFFICIENCY	MOP		MCA	PHASE	VOLTS
								HP	PH	VOLTS																							
RTU-1	TRANE	INTELLIPAK SLHFC60	25000 21140	2.5 1.5	38.6 12.9	2-20"/FC 1-PLUG FAN	1085 736	40 15	3 3	460 460	23.07	60.0	160	120	3.0	23.07	625.4	77.4 DB 63.8 WB	53.9 DB 53.8 WB	654.26	756.11	43.1	4	77.8	MERV 13	11000	3860	(4)	225	200.93	3	460	

NOTES:

- PROVIDE IN EACH FAN SECTION: MARINE LIGHTS, 120V/1PH/60Hz, FACTORY-WIRED TO A SWITCH MOUNTED ON THE OUTSIDE OF THE SECTION; AND A DUPLEX CONVENIENCE RECEPTACLE, 120V/1PH/60Hz, 20 AMPS. PROVIDE 100-WATT LAMPS IN THE LIGHT FIXTURES. PROVIDE ANY INTERCONNECTED POWER WIRING REQUIRED TO MEET THE POWER SUPPLIES INDICATED ON THE ELECTRICAL DRAWINGS.
- EQUIPPED WITH CO2 SENSOR AND OUTSIDE AIR FLOW MONITORING STATION
- PROVIDE INDIVIDUAL VARIABLE FREQUENCY DRIVES FOR SUPPLY AND RETURN FAN MOTOR
- MOUNT RTU-1 ON TO ATTENUATING SPRING ISOLATION ROOF CURB BY TRANE MFR
- REFRIGERANT TO BE NON HCFC R 407
- UNIT TO BE SINGLE POINT POWER CONNECTION
- HOT GAS BY-PASS

SOUND DATA FOR RTU-1, dB BY OCTAVE BANDS

RETURN FAN: 85/84/79/77/73/71/68/62

DISCHARGE: 97/95/90/88/85/81/79/76

DUCTED INLET: 89/90/83/79/76/74/70/67

PUMP SCHEDULE

PUMP NO.	MFG & MODEL	SERVICE	GPM	HEAD (FT WG)	CONNECTIONS		ELECTRIC		MOTOR CONTROL	NOTES	
					S	D	HP	PHASE			VOLTS
HWP-1&2	TACO KS3007	PRIMARY HEATING PUMPS	115	35	3	3	2	3	208	VFD	PREMIUM EFFICIENCY MOTOR 6.0 IN IMPELLER
FP-1	TACO MODEL 007	FREEZE PROTECTION PUMP RTU-1 PREHEAT COIL	10	8	1.5"	1.5"	1/25	1	120	ATC	

PROVIDE VFD FOR HWP-1 & HWP-2

BASEBOARD RADIATION SCHEDULE

I.D. MARK	MFR. & MODEL	BTUH/ LINEAL FT	EWT (DEG F)	DIMENSIONS TUBE SIZE - FIN SIZE - FINS/FT	ROWS	ENCLOSURE DIMENSIONS	MTG HEIGHT	NOTES
(A)	STERLING JVA-S11	554	160	3/4" - 3 1/4"x3 1/4" - 50 FPF	1	4 3/8" x 11"	4 IN. AFF	FULL BACKPLATE
(B)	STERLING JVA-S	554	160	3/4" - 4 1/4"x3 5/8" - 50 FPF	1	4 3/8" x 14"	78 IN. AFF	INVERTED ENCLOSURE FULL BACKPLATE

MODULAR BOILER - BURNER SCHEDULE

UNIT NO.	MFR & MODEL	GROSS IN-MBH	NET OUT MBH	FUEL CONNECTION SIZE	RATED OPERATING PRESSURE (PSIG)	WATER CONN	INJECTOR PUMP				ELECTRIC			NOTES
							EWT	LWT	GPM	WPD	FLA	PH	VOLT	
B-1	CAMUS - MICO FLAME MODEL - MFNH02502GX11045	250.0	212.5	NATURAL GAS 3/4"	45 PSI	1 1/2"	120	160	10.6	.05 FT	4.2	1	120	SINGLE POINT POWER CONNECTION
B-2	CAMUS - MICO FLAME MODEL - MFNH02502GX11045	250.0	212.5	NATURAL GAS 3/4"	45 PSI	1 1/2"	120	160	10.6	.05 FT	4.2	1	120	SINGLE POINT POWER CONNECTION
B-3	CAMUS - MICO FLAME MODEL - MFNH02502GX11045	250.0	212.5	NATURAL GAS 3/4"	45 PSI	1 1/2"	120	160	10.6	.05 FT	4.2	1	120	SINGLE POINT POWER CONNECTION
B-4	CAMUS - MICO FLAME MODEL - MFNH02502GX11045	250.0	212.5	NATURAL GAS 3/4"	45 PSI	1 1/2"	120	160	10.6	.05 FT	4.2	1	120	SINGLE POINT POWER CONNECTION

NOTES:

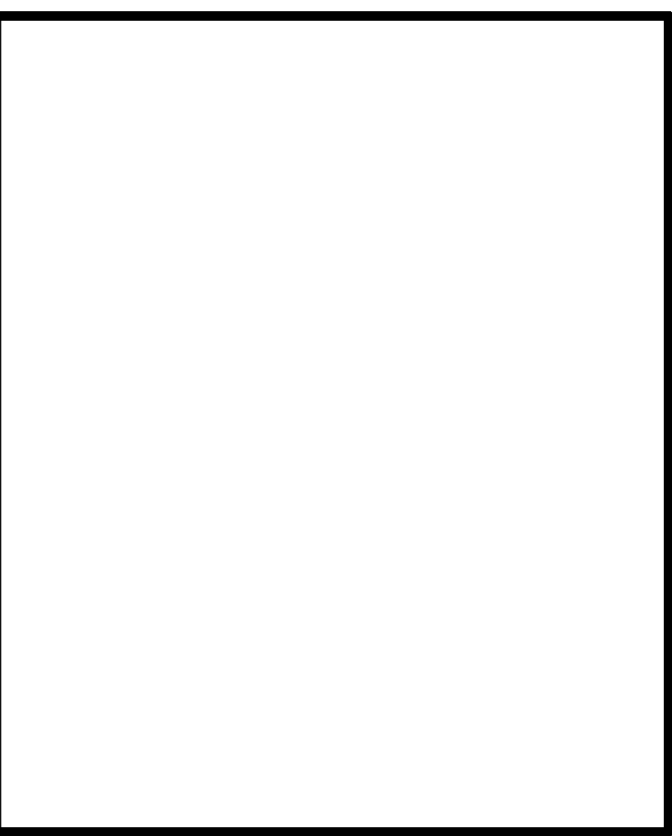
- BOILERS TO INCLUDE INDIVIDUAL INJECTOR PUMPS BY BOILER MFR
- BOILERS TO BE STACKED
- INDIVIDUAL BOILER DIMENSIONS: 32" TALL X 25" WIDE X 30" DEEP
- VENTS UP TO 50 FT HORIZONTAL WITH 50 FT AIR INTAKE
- BOILERS TO BE COPPER TUBE
- TWO STAGE HEATING

Project Title
**WOODARD & CURRAN
OFFICE ADDITION**

PORTLAND, MAINE

HA Project No. **05178**

Key Plan



-	05-15-06	ISSUED FOR CONSTRUCTION							
-	03-14-06	FINAL REVIEW							
-	02-03-06	DD REVIEW							
Mark	Date	Description							
Issue Dates									

Drawing Status

Drawing Title
SCHEDULES

PA / PE: **CG** Drawn By: **REM**

Drawing Number

M40.2